



State of North Carolina
Office of Information Technology Services

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Memorandum

To: Agency CIOs
From: Sharon Hayes, Deputy State CIO *Sharon Hayes*
Subject: NCID Next Generation (NG) Announcement
Date: October 26, 2009

ITS recently made important product/vendor decisions regarding the future infrastructure of NCID NG, the "Next Generation" of NCID. This decision was arrived at after considerable analysis & review of (1) 5-year TCO costs, (2) virtualization support, (3) vendor support capabilities, (4) product suite capabilities & integration, (5) degree of customizations required and (6) scalability/performance.

Based on the aforementioned factors, Novell Identity & Access Management components were selected for implementation in NCID NG. Currently, it is anticipated that a NCID NG environment for agency application development testing will be made available in Q1 of 2010. The associated pre-production & production environments would be ready in Q2 and Q3, respectively, of 2010. Oracle support for the existing Oracle Access Manager related components ends 12/31/2010. Therefore, 12/31/2010 is the target date for complete migration of existing NCID-integrated agency applications.

The current NCID infrastructure uses three (3) application integration models:

- (1) Model-1 - uses software agents, known as Webgates, to connect web servers and redirect authentication & authorization requests
- (2) Model-2 - uses IDM connectors to synchronize usernames & passwords to application-specific LDAP directories
- (3) Web Services - exposes WSDL calls for usernames, passwords and coarse-grained authorization parameters.

Some applications use a hybrid combination of the three models. The NCID infrastructure also currently makes available specific user contact information, more commonly found in white pages.

NCID NG will retain these three (3) integration models. Changes related to minimizing unvetted user contact information will impact some applications, regardless of integration model. Model-2 integrated applications should experience no additional changes in configuration. Web Services integrated applications may experience slight changes. Model-1 integrated applications will transition from using an installed Webgate agent to using a NCID NG reverse proxy architecture infrastructure, which will eliminate the need for software agent installation.

Further communications regarding NCID NG will be provided in the near future.